AUTHOR INDEX TO VOLUME 45 (1993)

Ariño, C., see Díaz-Cruz, J.M. (45) 109
Azzellini, G.C., see Ito, A.S. (45) 79

Backlund, B.-M. and Gräslund, A.
Structure and dynamics of motilin. Time-resolved fluorescence of peptide hormone with single tyrosine residue (45) 17
Baldini, G., see Chirico, G. (45) 101
Bardakjian, B.L., see Skinner, F.K. (45) 253
Beretta, S., see Chirico, G. (45) 101
Bobst, A.M., see Keyes, R.S. (45) 281
Brochon, J.-C., see Duportail, G. (45) 227

Casassas, E., see Díaz-Cruz, J.M. (45) 109
Chen, S.-M., see Hochstrasser, R.A. (45) 133
Chirico, G., Beretta, S. and Baldini, G.
Light scattering of DNA plasmids containing repeated curved insertions: Anomalous compaction (45) 101
Chomilier, J., Sun, J.-S., Collier, D.A., Garestier, T., Hélène, C. and Lavery, R.
A computational and experimental study of the bending induced at a double–triple helix junction (45) 143
Collier, D.A., see Chomilier, J. (45) 143

Díaz-Cruz, J.M., Ariño, C., Esteban, M. and Casassas, E.
Influence of the counterion concentration on the formation constants of some metal/polycarboxylate complexes: Study by differential pulse anodic stripping voltammetry (45) 109
Duportail, G., Brochon, J.-C. and Lianos, P.
Time-correlated models applicable to reactions in restricted geometries: phospholipid vesicles in their gel and liquid crystalline phases (45) 227

Esteban, M., see Díaz-Cruz, J.M. (45) 109

Fernández, A.
Noncoexisting structural elements in catalytic pre-messenger RNA's (45) 27

Garestier, T., see Chomilier, J. (45) 143
Gill, S.J., see Johnson, C.R. (45) 7
Giomini, M., Giuliani, A.M., Giustini, M. and Trotta, E.
Anthracycline Gels. II. Spectroscopic study on doxorubicin–lecithin association products (45) 31
Giuliani, A.M., see Giomini, M. (45) 31
Giustini, M., see Giomini, M. (45) 31
Gräslund, A., see Backlund, B.-M. (45) 17

Groß, M. and Jaenicke, R.
A kinetic model explaining the effects of hydrostatic pressure on nucleation and growth of lysozyme crystals (45) 245
Gryczynski, I., see Lakowicz, J.R. (45) 1
Gutheil, W.G. and McKenna, C.E.
Unique and independent parameters (UIP) formulation for thermodynamic models of complex protein–ligand systems (45) 171
Gutheil, W.G.
Thermodynamic model of cooperativity in a dimeric protein: Unique and independent parameters formulation (45) 181

Hélène, C., see Chomilier, J. (45) 143
Hochstrasser, R.A., Chen, S.-M. and Millar, D.P.
Distance distribution in a dye-linked oligonucleotide determined by time-resolved fluorescence energy transfer (45) 133
Hvidt, S. and Lehrer, S.S.
Thermally induced chain exchange of frog $\alpha\beta$-tropomyosin (45) 51

Ichinose, H., see Iiyama, S. (45) 91
Iiyama, S., Toko, K., Murata, T., Ichinose, H., Suezaki, Y., Kamaya, H., Ueda, I. and Yamafuji, K.
Cutoff effect of n-alkanols in an excitable model membrane composed of dioleyl phosphate (45) 91
Ito, A.S., Azzellini, G.C., Silva, S.C., Serra, O. and Szabo, A.G.
Optical absorption and fluorescence spectroscopy studies of ground state melanin–cationic porphyrins complexes (45) 79

Jacobsen, M.P. and Winzor, D.J.
Refinement of the omega analysis for the characterization of solute self-association by sedimentation equilibrium (45) 119
Jaenicke, R., see Groß, M. (45) 245
Jamie, I.M.L., see Mendz, G.L. (45) 61
Johnson, C.R., Gill, S.J. and Peters, K.S.
Thin-layer microcalorimetric studies of oxygen and carbon monoxide binding to hemoglobin and myoglobin (45) 7

Kamaya, H., see Iiyama, S. (45) 91
Kawakubo, T., see Suzuki, H. (45) 153
Keizer, J.
Steady state flux–flux correlation functions for elementary processes (45) 219

AUTHOR INDEX TO VOLUME 45 (1993)

Ariño, C., see Díaz-Cruz, J.M. (45) 109
Azzellini, G.C., see Ito, A.S. (45) 79

Backlund, B.-M. and Gräslund, A.
Structure and dynamics of motilin. Time-resolved fluorescence of peptide hormone with single tyrosine residue (45) 17
Baldini, G., see Chirico, G. (45) 101
Bardakjian, B.L., see Skinner, F.K. (45) 253
Beretta, S., see Chirico, G. (45) 101
Bobst, A.M., see Keyes, R.S. (45) 281
Brochon, J.-C., see Duportail, G. (45) 227

Casassas, E., see Díaz-Cruz, J.M. (45) 109
Chen, S.-M., see Hochstrasser, R.A. (45) 133
Chirico, G., Beretta, S. and Baldini, G.
Light scattering of DNA plasmids containing repeated curved insertions: Anomalous compaction (45) 101
Chomilier, J., Sun, J.-S., Collier, D.A., Garestier, T., Hélène, C. and Lavery, R.
A computational and experimental study of the bending induced at a double–triple helix junction (45) 143
Collier, D.A., see Chomilier, J. (45) 143

Díaz-Cruz, J.M., Ariño, C., Esteban, M. and Casassas, E.
Influence of the counterion concentration on the formation constants of some metal/polycarboxylate complexes: Study by differential pulse anodic stripping voltammetry (45) 109
Duportail, G., Brochon, J.-C. and Lianos, P.
Time-correlated models applicable to reactions in restricted geometries: phospholipid vesicles in their gel and liquid crystalline phases (45) 227

Esteban, M., see Díaz-Cruz, J.M. (45) 109

Fernández, A.
Noncoexisting structural elements in catalytic pre-messenger RNA's (45) 27

Garestier, T., see Chomilier, J. (45) 143
Gill, S.J., see Johnson, C.R. (45) 7
Giomini, M., Giuliani, A.M., Giustini, M. and Trotta, E.
Anthracycline Gels. II. Spectroscopic study on doxorubicin–lecithin association products (45) 31
Giuliani, A.M., see Giomini, M. (45) 31
Giustini, M., see Giomini, M. (45) 31
Gräslund, A., see Backlund, B.-M. (45) 17

Groß, M. and Jaenicke, R.
A kinetic model explaining the effects of hydrostatic pressure on nucleation and growth of lysozyme crystals (45) 245
Gryczynski, I., see Lakowicz, J.R. (45) 1
Gutheil, W.G. and McKenna, C.E.
Unique and independent parameters (UIP) formulation for thermodynamic models of complex protein–ligand systems (45) 171
Gutheil, W.G.
Thermodynamic model of cooperativity in a dimeric protein: Unique and independent parameters formulation (45) 181

Hélène, C., see Chomilier, J. (45) 143
Hochstrasser, R.A., Chen, S.-M. and Millar, D.P.
Distance distribution in a dye-linked oligonucleotide determined by time-resolved fluorescence energy transfer (45) 133
Hvidt, S. and Lehrer, S.S.
Thermally induced chain exchange of frog $\alpha\beta$-tropomyosin (45) 51

Ichinose, H., see Iiyama, S. (45) 91
Iiyama, S., Toko, K., Murata, T., Ichinose, H., Suezaki, Y., Kamaya, H., Ueda, I. and Yamafuji, K.
Cutoff effect of n-alkanols in an excitable model membrane composed of dioleyl phosphate (45) 91
Ito, A.S., Azzellini, G.C., Silva, S.C., Serra, O. and Szabo, A.G.
Optical absorption and fluorescence spectroscopy studies of ground state melanin–cationic porphyrins complexes (45) 79

Jacobsen, M.P. and Winzor, D.J.
Refinement of the omega analysis for the characterization of solute self-association by sedimentation equilibrium (45) 119
Jaenicke, R., see Groß, M. (45) 245
Jamie, I.M.L., see Mendz, G.L. (45) 61
Johnson, C.R., Gill, S.J. and Peters, K.S.
Thin-layer microcalorimetric studies of oxygen and carbon monoxide binding to hemoglobin and myoglobin (45) 7

Kamaya, H., see Iiyama, S. (45) 91
Kawakubo, T., see Suzuki, H. (45) 153
Keizer, J.
Steady state flux–flux correlation functions for elementary processes (45) 219

U·M·I

SHOULD READ AUTHOR INDEX VOLUME 45
(1992-1993).

Keyes, R.S. and Bobst, A.M.
A comparative study of Scatchard-type and linear lattice models for the analysis of EPR competition experiments with spin-labeled nucleic acids and single-strand binding proteins (45) 281
Kruk, J., Strzałka, K. and Leblanc, R.M.
Fourier transform infrared studies on charge-transfer interactions of plastoquinones and α-tocopherol quinone with their hydroquinone forms and monogalactosyldiacylglycerol (45) 161
Kruk, J., Strzałka, K. and Leblanc, R.M.
Fourier transform infrared studies on charge-transfer interactions of plastoquinones and α-tocopherol quinone with their hydroquinone forms and monogalactosyldiacylglycerol (45) 235
Kungl, A.J.
Rotamer interconversion and its influence on the fluorescence decay of tyrosine: A molecular dynamics study (45) 41

Lakowicz, J.R. and Gryczynski, I.
Tryptophan fluorescence intensity and anisotropy decays of human serum albumin resulting from one-photon and two-photon excitation (45) 1
Lavery, R., see Chomilier, J. (45) 143
Leblanc, R.M., see Kruk, J. (45) 161
Leblanc, R.M., see Kruk, J. (45) 235
Lehrer, S.S., see Hvidt, S. (45) 51
Lianos, P., see Duportail, G. (45) 227

McKenna, C.E., see Gutheil, W.G. (45) 171
Mendz, G.L., Jamie, I.M.L. and White, J.W.
Effects of acyl chain length on the conformation of myelin basic protein bound to lysolipid micelles (45) 61
Millar, D.P., see Hochstrasser, R.A. (45) 133
Murata, T., see Iiyama, S. (45) 91

Peters, K.S., see Johnson, C.R. (45) 7

Schellman, J.A.
The relation between the free energy of interaction and binding (45) 273
Serra, O., see Ito, A.S. (45) 79
Silva, S.C., see Ito, A.S. (45) 79
Skinner, F.K., Ward, C.A. and Bardakjian, B.L.
Pump and exchanger mechanisms in a model of smooth muscle (45) 253
Sonnen, W.E., Wesenberg, G.E. and Vaughan, W.E.
Dielectric behavior of polyelectrolytes VII. Dielectric relaxation and Kerr effect of cylindrical biopolymers (45) 201
Strzałka, K., see Kruk, J. (45) 161
Strzałka, K., see Kruk, J. (45) 235
Suezaki, Y., see Iiyama, S. (45) 91
Sun, J.-S., see Chomilier, J. (45) 143
Suzuki, H. and Kawakubo, T.
Convective instability and electric potential oscillation in a water–oil–water system (45) 153
Szabo, A.G., see Ito, A.S. (45) 79

Toko, K., see Iiyama, S. (45) 91
Trotta, E., see Giomini, M. (45) 31

Ueda, I., see Iiyama, S. (45) 91

Vaughan, W.E., see Sonnen, W.E. (45) 201

Ward, C.A., see Skinner, F.K. (45) 253
Wesenberg, G.E., see Sonnen, W.E. (45) 201
White, J.W., see Mendz, G.L. (45) 61
Winzor, D.J., see Jacobsen, M.P. (45) 119

Yamafuji, K., see Iiyama, S. (45) 91

SUBJECT INDEX TO VOLUME 45 (1993)

n-Alkanols
Anesthetics; Membrane potential; Membrane resistance; Cut-off effect; Electrical oscillation (Iiyama, S. (45) 91)

Anesthetics
n-Alkanols; Membrane potential; Membrane resistance; Cut-off effect; Electrical oscillation (Iiyama, S. (45) 91)

Calcium pump
Sodium–calcium exchanger; Sodium–potassium pump; Non-equilibrium thermodynamics; Statistical rate theory; Gastric smooth muscle (Skinner, F.K. (45) 253)

Carbon monoxide binding
Hemoglobin; Myoglobin; Thin-layer microcalorimeter; Oxygen binding (Johnson, C.R. (45) 7)

Cationic porphyrin
Melanin pigment; Ground state non-fluorescent complexes; Fluorescence lifetime; Optical spectroscopy (Ito, A.S. (45) 79)

Chain exchange
Tropomyosin; Helix-coil transition; Domain unfolding; Thermal stability; Frog $\alpha\beta$-tropomyosin (Hvidt, S. (45) 51)

Charge-transfer complex
Plastoquinone; α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; FTIR spectroscopy (Kruk, J. (45) 161)

Plastoquinone; α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; FTIR spectroscopy (Kruk, J. (45) 235)

Circular dichroism
Time-resolved fluorescence; Tyrosine; Motilin; Liposomes (Backlund, B.-M. (45) 17)

Competition formalism
Nucleic acid binding affinities; EPR measurements; Nucleic-acid binding proteins; Linear lattice models (Keyes, R.S. (45) 281)

Competitive counterion binding
Voltammetry; Heavy metal; Polycarboxylic acid (Díaz-Cruz, J.M. (45) 109)

Convective instability
Water–oil interface; Potential oscillation; Marangoni instability (Suzuki, H. (45) 153)

Cooperativity
Protein–ligand binding; Thermodynamics (Gutheil, W.G. (45) 171)

Protein–ligand binding; Thermodynamics (Gutheil, W.G. (45) 181)

Counterion interaction
Polyelectrolytes; Dielectric relaxation; Kerr effect; DNA oligomer (Sonnen, W.E. (45) 201)

Crystallization
Dilatometry; Hen egg-white lysozyme; High pressure; Molar volume; Oosawa theory (Groß, M. (45) 245)

Curved DNA
Plasmid DNA; Dynamic light scattering; DNA conformation (Chirico, G. (45) 101)

Cutoff effect
Anesthetics; n-Alkanols; Membrane potential; Membrane resistance; Electrical oscillation (Iiyama, S. (45) 91)

Dielectric relaxation
Polyelectrolytes; Kerr effect; DNA oligomer; Counterion interaction (Sonnen, W.E. (45) 201)

Dilatometry
Crystallization; Hen egg-white lysozyme; High pressure; Molar volume; Oosawa theory (Groß, M. (45) 245)

Distance distribution
Fluorescence energy transfer; Time-resolved fluorescence spectroscopy; Fluorescent labeling; Synthetic oligonucleotides (Hochstrasser, R.A. (45) 133)

Distributional analysis
Molecular dynamics; Time-resolved fluorescence (Kungl, A.J. (45) 41)

DNA bending
Molecular modelling; Triple helix; SV40 (Chomilier, J. (45) 143)

DNA conformation
Curved DNA; Plasmid DNA; Dynamic light scattering (Chirico, G. (45) 101)

U·M·I

SHOULD READ SUBJECT INDEX VOLUME 45
(1992-1993).

DNA oligomer
Polyelectrolytes; Dielectric relaxation; Kerr effect; Counterion interaction (Sonnen, W.E. (45) 201)

Domain unfolding
Tropomyosin; Helix-coil transition; Thermal stability; Chain exchange; Frog $\alpha\beta$-tropomyosin (Hvidt, S. (45) 51)

Doxorubicin–lecithin association
Thermally reversible gel; Gel formation spectroscopy (Giomini, M. (45) 31)

Dynamic light scattering
Curved DNA; Plasmid DNA; DNA conformation (Chirico, G. (45) 101)

Electrical oscillation
Anesthetics; n-Alkanols; Membrane potential; Membrane resistance; Cutoff effect (Iiyama, S. (45) 91)

EPR measurements
Competition formalism; Nucleic acid binding affinities; Nucleic-acid binding proteins; Linear lattice models (Keyes, R.S. (45) 281)

Fluorescence energy transfer
Distance distribution; Time-resolved fluorescence spectroscopy; Fluorescent labeling; Synthetic oligonucleotides (Hochstrasser, R.A. (45) 133)

Fluorescence lifetime
Melanin pigment; Cationic porphyrin; Ground state non-fluorescent complexes; Optical spectroscopy (Ito, A.S. (45) 79)

Fluorescence probing
Restricted geometries; Phospholipid vesicles (Duportail, G. (45) 227)

Fluorescent labeling
Distance distribution; Fluorescence energy transfer; Time-resolved fluorescence spectroscopy; Synthetic oligonucleotides (Hochstrasser, R.A. (45) 133)

Flux–flux correlation
Membrane current noise; Frehland theory (Keizer, J. (45) 219)

Free energy of binding
Thermodynamics of binding; Soluation; Preferential (Schellman, J.A. (45) 273)

Frehland theory
Flux–flux correlation; Membrane current noise (Keizer, J. (45) 219)

Frog $\alpha\beta$-tropomyosin
Tropomyosin; Helix-coil transition; Domain unfolding; Thermal stability; Chain exchange (Hvidt, S. (45) 51)

FTIR spectroscopy
Plastoquinone; α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex (Kruk, J. (45) 161)

Plastoquinone; α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex (Kruk, J. (45) 235)

Gastric smooth muscle
Calcium pump; Sodium–calcium exchanger; Sodium–potassium pump; Nonequilibrium thermodynamics; Statistical rate theory (Skinner, F.K. (45) 253)

Gel formation spectroscopy
Thermally reversible gel; Doxorubicin–lecithin association (Giomini, M. (45) 31)

Ground state non-fluorescent complexes
Melanin pigment; Cationic porphyrin; Fluorescence lifetime; Optical spectroscopy (Ito, A.S. (45) 79)

Group I introns
Pre-messenger RNA; Noncoexisting structural elements (Fernández, A. (45) 27)

Heavy metal
Voltammetry; Competitive counterion binding; Polycarboxylic acid (Díaz-Cruz, J.M. (45) 109)

Helix-coil transition
Tropomyosin; Domain unfolding; Thermal stability; Chain exchange; Frog $\alpha\beta$-tropomyosin (Hvidt, S. (45) 51)

Hemoglobin
Myoglobin; Thin-layer microcalorimeter; Oxygen binding; Carbon monoxide binding (Johnson, C.R. (45) 7)

Hen egg-white lysozyme
Crystallization; Dilatometry; High pressure; Molar volume; Oosawa theory (Groß, M. (45) 245)

High pressure
Crystallization; Dilatometry; Hen egg-white lysozyme; Molar volume; Oosawa theory (Groß, M. (45) 245)

Human serum albumin
Tryptophan fluorescence intensity decay; Tryptophan anisotropy decay; One- and two-photon excitation (Lakowicz, J.R. (45) 1)

Hydroquinone
Plastoquinone; α-Tocopherol quinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 161)

Plastoquinone; α-Tocopherol quinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 235)

Kerr effect
Polyelectrolytes; Dielectric relaxation; DNA oligomer; Counterion interaction (Sonnen, W.E. (45) 201)

Linear lattice models
Competition formalism; Nucleic acid binding affinities; EPR measurements; Nucleic-acid binding proteins (Keyes, R.S. (45) 281)

Liposomes
Time-resolved fluorescence; Tyrosine; Motilin; Circular dichroism (Backlund, B.-M. (45) 17)

Lysophosphatidylcholine
Protein–lipid interactions; Myelin basic protein; Spectroscopic techniques (NMR, CD, FT-IR, SAXS) (Mendz, G.L. (45) 61)

Marangoni instability
Water–oil interface; Potential oscillation; Convective instability (Suzuki, H. (45) 153)

Melanin pigment
Cationic porphyrin; Ground state non-fluorescent complexes; Fluorescence lifetime; Optical spectroscopy (Ito, A.S. (45) 79)

Membrane current noise
Flux–flux correlation; Frehland theory (Keizer, J. (45) 219)

Membrane potential
Anesthetics; n-Alkanols; Membrane resistance; Cutoff effect; Electrical oscillation (Iiyama, S. (45) 91)

Membrane resistance
Anesthetics; n-Alkanols; Membrane potential; Cutoff effect; Electrical oscillation (Iiyama, S. (45) 91)

Molar volume
Crystallization; Dilatometry; Hen egg-white lysozyme; High pressure; Oosawa theory (Groß, M. (45) 245)

Molecular dynamics
Time-resolved fluorescence; Distributional analysis (Kungl, A.J. (45) 41)

Molecular modelling
Triple helix; DNA bending; SV40 (Chomilier, J. (45) 143)

Monogalactosyldiacylglycerol
Plastoquinone; α-Tocopherol quinone; Hydroquinone; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 161)

Plastoquinone; α-Tocopherol quinone; Hydroquinone; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 235)

Motilin
Time-resolved fluorescence; Tyrosine; Circular dichroism; Liposomes (Backlund, B.-M. (45) 17)

Myelin basic protein
Protein–lipid interactions; Lysophosphatidylcholine; Spectroscopic techniques (NMR, CD, FT-IR, SAXS) (Mendz, G.L. (45) 61)

Myoglobin
Hemoglobin; Thin-layer microcalorimeter; Oxygen binding; Carbon monoxide binding (Johnson, C.R. (45) 7)

Noncoexisting structural elements
Pre-messenger RNA; Group I introns (Fernández, A. (45) 27)

Nonequilibrium thermodynamics
Calcium pump; Sodium–calcium exchanger; Sodium–potassium pump; Statistical rate theory; Gastric smooth muscle (Skinner, F.K. (45) 253)

Nucleic acid binding affinities
Competition formalism; EPR measurements; Nucleic-acid binding proteins; Linear lattice models (Keyes, R.S. (45) 281)

Nucleic-acid binding proteins
Competition formalism; Nucleic acid binding affinities; EPR measurements; Linear lattice models (Keyes, R.S. (45) 281)

Omega analysis
Sedimentation equilibrium; Solute self-association (Jacobsen, M.P. (45) 119)

One- and two-photon excitation
Tryptophan fluorescence intensity decay; Tryptophan anisotropy decay; Human serum albumin (Lakowicz, J.R. (45) 1)

Oosawa theory
Crystallization; Dilatometry; Hen egg-white lysozyme; High pressure; Molar volume (Groß, M. (45) 245)

Optical spectroscopy
Melanin pigment; Cationic porphyrin; Ground state non-fluorescent complexes; Fluorescence lifetime (Ito, A.S. (45) 79)

Oxygen binding
Hemoglobin; Myoglobin; Thin-layer microcalorimeter; Carbon monoxide binding (Johnson, C.R. (45) 7)

Phospholipid vesicles
Fluorescence probing; Restricted geometries (Duportail, G. (45) 227)

Plasmid DNA
Curved DNA; Dynamic light scattering; DNA conformation (Chirico, G. (45) 101)

Plastoquinone
α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 161)

α-Tocopherol quinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 235)

Polycarboxylic acid
Voltammetry; Competitive counterion binding; Heavy metal (Díaz-Cruz, J.M. (45) 109)

Polyelectrolytes
Dielectric relaxation; Kerr effect; DNA oligomer; Counterion interaction (Sonnen, W.E. (45) 201)

Potential oscillation
Water–oil interface; Convective instability; Marangoni instability (Suzuki, H. (45) 153)

Preferential
Thermodynamics of binding; Free energy of binding; Soluation (Schellman, J.A. (45) 273)

Pre-messenger RNA
Noncoexisting structural elements; Group I introns (Fernández, A. (45) 27)

Protein–ligand binding
Cooperativity; Thermodynamics (Gutheil, W.G. (45) 171)

Cooperativity; Thermodynamics (Gutheil, W.G. (45) 181)

Protein–lipid interactions
Myelin basic protein; Lysophosphatidylcholine; Spectroscopic techniques (NMR, CD, FT-IR, SAXS) (Mendz, G.L. (45) 61)

Restricted geometries
Fluorescence probing; Phospholipid vesicles (Duportail, G. (45) 227)

Sedimentation equilibrium
Solute self-association; Omega analysis (Jacobsen, M.P. (45) 119)

Sodium–calcium exchanger
Calcium pump; Sodium–potassium pump; Nonequilibrium thermodynamics; Statistical rate theory; Gastric smooth muscle (Skinner, F.K. (45) 253)

Sodium–potassium pump
Calcium pump; Sodium–calcium exchanger; Nonequilibrium thermodynamics; Statistical rate theory; Gastric smooth muscle (Skinner, F.K. (45) 253)

Solvation
Thermodynamics of binding; Free energy of binding; Preferential (Schellman, J.A. (45) 273)

Solute self-association
Sedimentation equilibrium; Omega analysis (Jacobsen, M.P. (45) 119)

Spectroscopic techniques (NMR, CD, FT-IR, SAXS)
Protein–lipid interactions; Myelin basic protein; Lysophosphatidylcholine (Mendz, G.L. (45) 61)

Statistical rate theory
Calcium pump; Sodium–calcium exchanger; Sodium–potassium pump; Nonequilibrium thermodynamics; Gastric smooth muscle (Skinner, F.K. (45) 253)

SV40
Molecular modelling; Triple helix; DNA bending (Chomilier, J. (45) 143)

Synthetic oligonucleotides
Distance distribution; Fluorescence energy transfer; Time-resolved fluorescence spectroscopy; Fluorescent labeling (Hochstrasser, R.A. (45) 133)

Thermally reversible gel
Doxorubicin–lecithin association; Gel formation spectroscopy (Giomini, M. (45) 31)

Thermal stability
Tropomyosin; Helix-coil transition; Domain unfolding; Chain exchange; Frog αβ-tropomyosin (Hvidt, S. (45) 51)

Thermodynamics
Cooperativity; Protein–ligand binding (Gutheil, W.G. (45) 171)

Cooperativity; Protein–ligand binding (Gutheil, W.G. (45) 181)

Thermodynamics of binding
Free energy of binding; Soluation; Preferential (Schellman, J.A. (45) 273)

Thin-layer microcalorimeter
Hemoglobin; Myoglobin; Oxygen binding; Carbon monoxide binding (Johnson, C.R. (45) 7)

Time-resolved fluorescence
Tyrosine; Motilin; Circular dichroism; Liposomes (Backlund, B.-M. (45) 17)

Molecular dynamics; Distributional analysis (Kungl, A.J. (45) 41)

Time-resolved fluorescence spectroscopy
Distance distribution; Fluorescence energy transfer; Fluorescent labeling; Synthetic oligonucleotides (Hochstrasser, R.A. (45) 133)

α-Tocopherol quinone
Plastoquinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 161)

Plastoquinone; Hydroquinone; Monogalactosyldiacylglycerol; Charge-transfer complex; FTIR spectroscopy (Kruk, J. (45) 235)

Triple helix
Molecular modelling; DNA bending; SV40 (Chomilier, J. (45) 143)

Tropomyosin
Helix-coil transition; Domain unfolding; Thermal stability; Chain exchange; Frog αβ-tropomyosin (Hvidt, S. (45) 51)

Tryptophan anisotropy decay
Tryptophan fluorescence intensity decay; One- and two-photon excitation; Human serum albumin (Lakowicz, J.R. (45) 1)

Tryptophan fluorescence intensity decay
Tryptophan anisotropy decay; One- and two-photon excitation; Human serum albumin (Lakowicz, J.R. (45) 1)

Tyrosine
Time-resolved fluorescence; Motilin; Circular dichroism; Liposomes (Backlund, B.-M. (45) 17)

Voltammetry
Competitive counterion binding; Heavy metal; Polycarboxylic acid (Díaz-Cruz, J.M. (45) 109)

Water–oil interface
Potential oscillation; Convective instability; Marangoni instability (Suzuki, H. (45) 153)